

Correction to “Seismically and geodetically determined nondouble-couple source mechanisms from the 2000 Miyakejima volcanic earthquake swarm”

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[1] In the paper “Seismically and geodetically determined nondouble-couple source mechanisms from the 2000 Miyakejima volcanic earthquake swarm” by S. E. Minson et al. (*Journal of Geophysical Research*, 112, B10308, doi:10.1029/2006JB004847, 2007), equations (A6) and (A11) were misprinted. Equation (A6) should read as

$$\mathbf{M}^{\text{CDC}} = \mathbf{M}^{\text{DC}} + \mathbf{M}^{\text{tensile}} = \begin{bmatrix} 2M_C - \beta & 0 & 0 \\ 0 & M_C & 0 \\ 0 & 0 & 2M_C + \beta \end{bmatrix}$$

[2] Equation (A11) should read as

$$\mathbf{M}^{\text{tensile}} = \begin{bmatrix} M_{xx} & M_{xy} & M_{xz} \\ M_{xy} & M_{yy} & M_{yz} \\ M_{xz} & M_{yz} & M_{zz} \end{bmatrix}$$

$$M_{xx} = \sin^2 \phi \cos^2 \delta \cdot M_C + \cos^2 \phi \cdot M_C + \sin^2 \delta \sin^2 \phi \cdot \left(\frac{1}{\nu} - 1 \right) M_C$$

$$M_{xy} = -\sin \phi \cdot \cos^2 \delta \cdot \cos \phi \cdot M_C + \cos \phi \cdot \sin \phi \cdot M_C - \sin^2 \delta \cdot \sin \phi \cdot \cos \phi \cdot \left(\frac{1}{\nu} - 1 \right) M_C$$

$$M_{yy} = \cos^2 \delta \cdot \cos^2 \phi \cdot M_C + \sin^2 \phi \cdot M_C + \sin^2 \delta \cdot \cos^2 \phi \cdot \left(\frac{1}{\nu} - 1 \right) M_C$$

$$M_{xz} = -\sin \phi \cos \delta \sin \delta \cdot M_C + \sin \delta \sin \phi \cos \delta \cdot \left(\frac{1}{\nu} - 1 \right) M_C$$

$$M_{yz} = \cos \delta \cos \phi \sin \delta \cdot M_C - \sin \delta \cos \phi \cos \delta \cdot \left(\frac{1}{\nu} - 1 \right) M_C$$

$$M_{zz} = \sin^2 \delta \cdot M_C + \cos^2 \delta \cdot \left(\frac{1}{\nu} - 1 \right) M_C$$